

IN THE SPECIFICATION:

Please AMEND paragraph 0050 as shown below.

[0050] Service gateway 12 may ~~authorise~~authorize the service usage and monitor the service consumption. As a part of ~~authorisation~~authorization process for the prepaid subscribers, the prepaid account of the subscriber is checked for credit. For post-paid subscribers the service gateway 12 may generate charging information, which is then further processed to billable items in subscriber's bill.

Please AMEND paragraph 0054 as shown below.

[0054] Referring back to Figures 1 and 2, when a communication session for user traffic is set-up, the access gateway 11 typically negotiates with the service gateway 12 for authentication and/or ~~authorisation~~authorization of the user, set-up parameters and so on. Once a connection between the user terminal and the service gateway is established, charging information generation should start. However, the service gateway 12 may not be aware of the time zone where the user is located in.

Please AMEND paragraph 0076 as shown below.

[0076] In an embodiment, the access entity may send the user location information to the service gateway. The service gateway may have a mapping table from the possible user locations to corresponding time zones. The service gateway can then resolve the user location time zone based on the user's location information the access entity has provided. The mapping table at the service gateway should be constantly kept up to date. In this embodiment, the GTP requests "Update PDP Context Request" and "Create PDP Context Request" may be sent by SGSN to GGSN when a PDP context is opened or when the SGSN changes during an open PDP context. The requests may consist of a header and information elements (IE) that are mandatory, conditional or optional. An existing optional IE, "Routing Area Identity" may be included as a mandatory element. Alternatively a new IE identifying a cell by a Cell ID or a cell group by a Cell Group ID (CGI) may be included to the requests. The GGSN may then compare the location information to a mapping table of locations and time zones. Based on this table GGSN may resolve the user's local time and use it for charging. As the location may change during the PDP context, additional messages for SGSN to GGSN updating the location information may be needed.